

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051760.D
 Acq On : 9 Oct 2018 20:11
 Operator : MD\SY
 Sample : PB113645TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645TB

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 10:50:25 AM

Quant Time: Oct 10 04:29:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	736757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1061386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	942741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	369037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	433359	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
35) Dibromofluoromethane	7.60	113	399704	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	10.09	98	1515945	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.40	95	431942	39.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.72%	
Target Compounds						
18) Methyl Acetate	4.34	43	7278m	1.355	ug/l	Qvalue
20) Methylene Chloride	4.55	84	10149	1.267	ug/l	94
43) Isopropyl Acetate	8.17	43	308121	25.541	ug/l	98
95) Naphthalene	15.14	128	17306	1.352	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

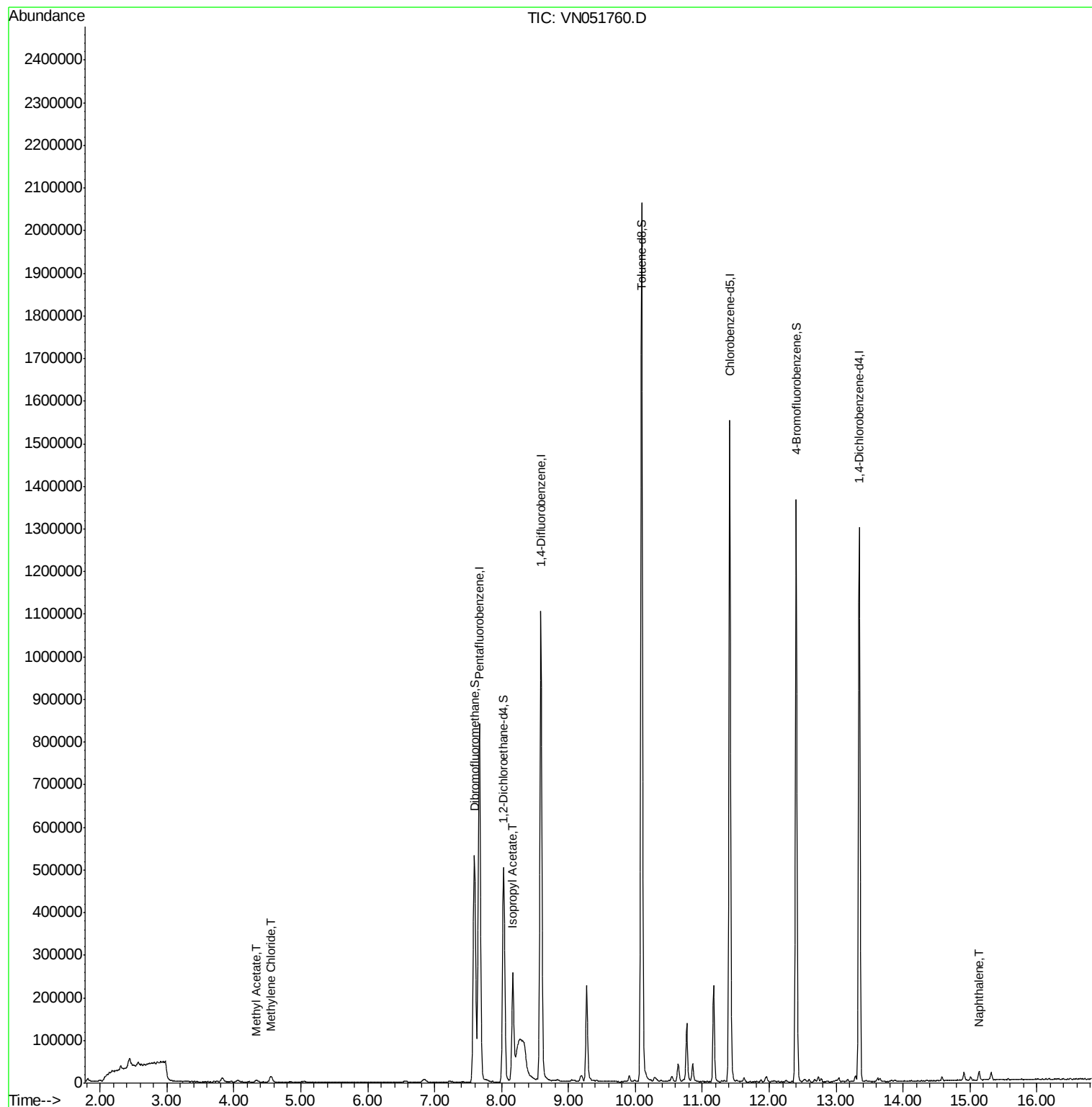
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100918\
Data File : VN051760.D
Acq On : 9 Oct 2018 20:11
Operator : MD\SY
Sample : PB113645TB
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Oct 10 04:29:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 06:03:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051760.D

Acq: 9 Oct 2018 20:11

Instrument :

MSVOA_N

ClientSampleId :

PB113645TB

Tot Ion:168 Resp: 736757

Ion Ratio Lower Upper

168 100

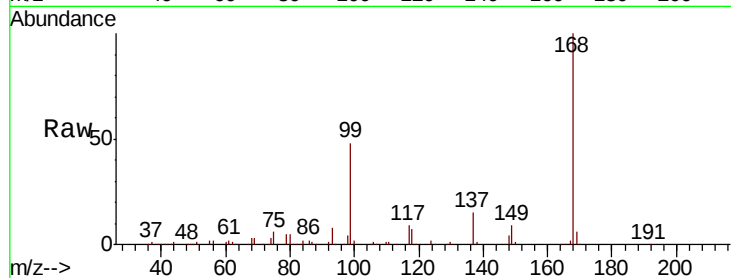
99 47.8 40.4 60.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN051760.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051760.D (-1740) (-)

7.67

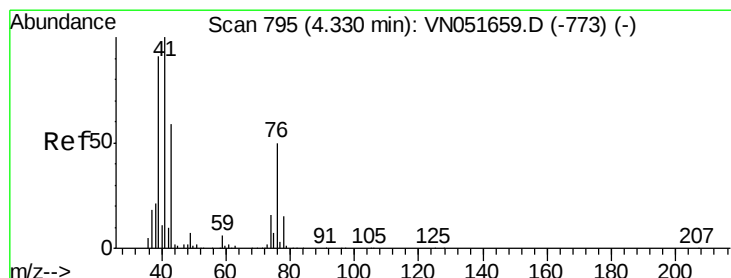
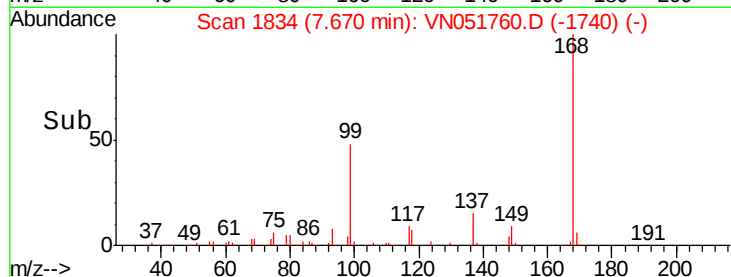
300000

200000

100000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#18

Methyl Acetate

Concen: 1.355 ug/l m

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051760.D

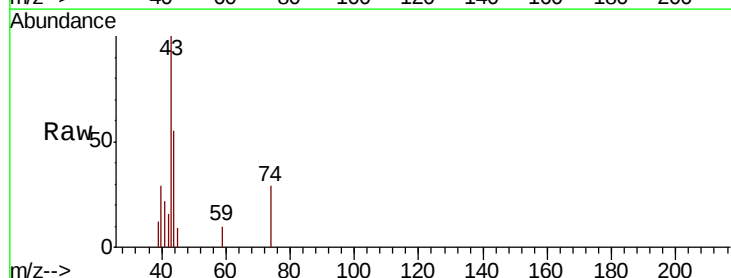
Acq: 9 Oct 2018 20:11

Tgt Ion: 43 Resp: 7278

Ion Ratio Lower Upper

43 100

74 7.6 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051760.D (-702) (-)

Ion 74.00 (73.70 to 74.70): VN051760.D (-702) (-)

4.34

2500

2000

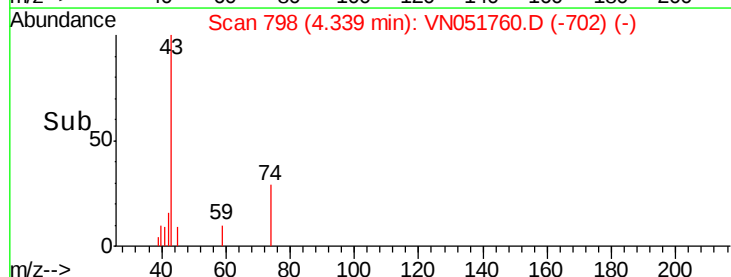
1500

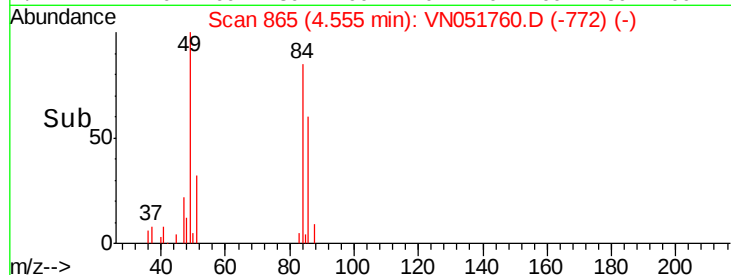
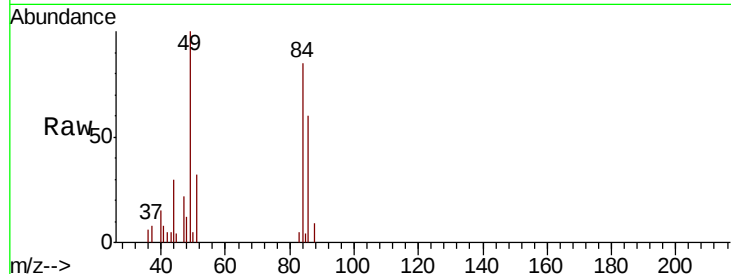
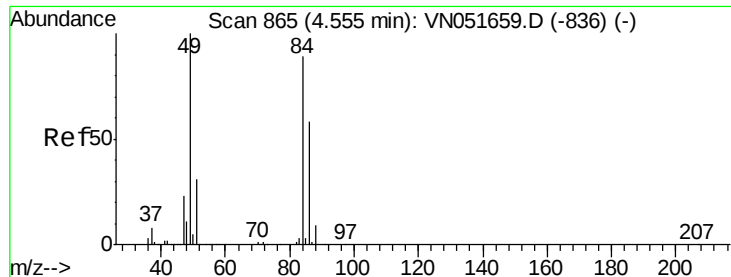
1000

500

0

Time--> 4.25 4.30 4.35 4.40





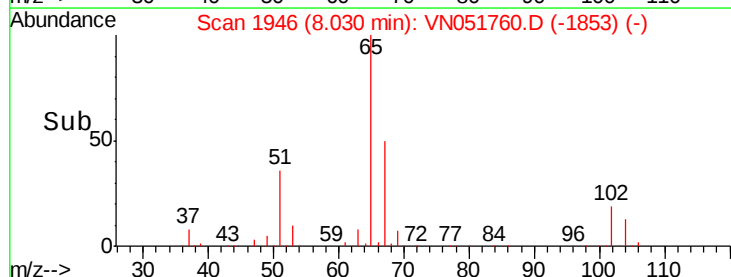
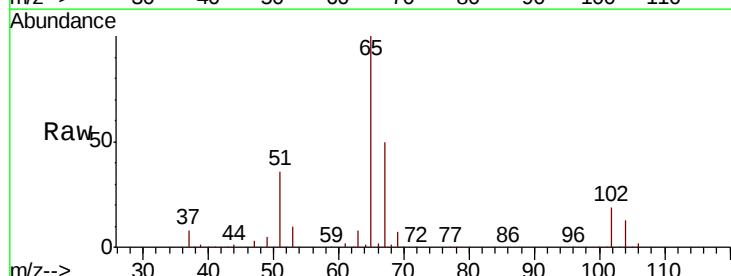
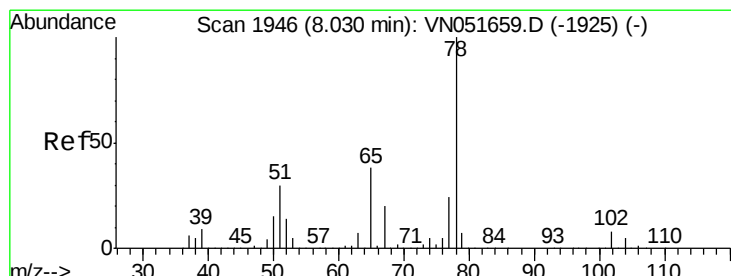
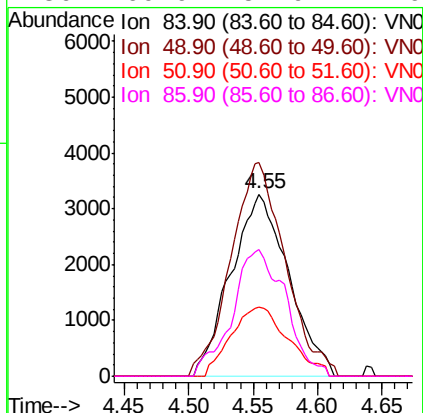
#20
Methvlene Chloride
Concen: 1.267 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051760.D
Acq: 9 Oct 2018 20:11

Tot Ion:	84	Resp:	10149
Ion	Ratio	Lower	Upper
84	100		
49	117.4	89.5	134.3
51	37.7	27.4	41.0
86	69.9	51.9	77.9

Instrument :
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PB113645TB

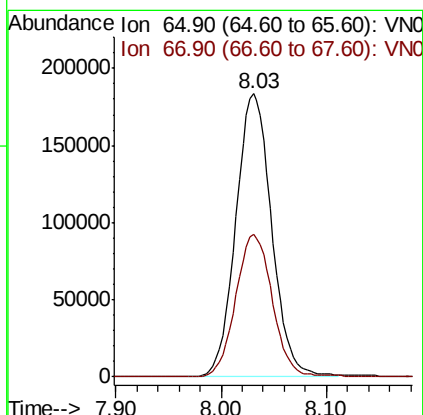
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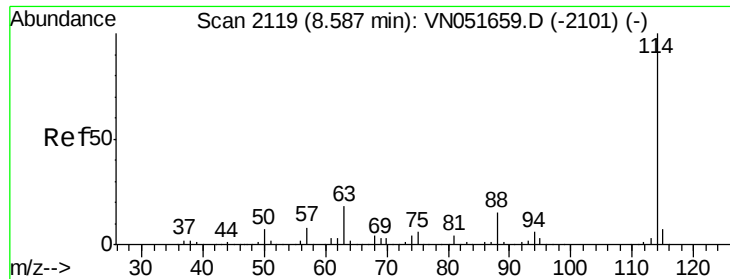
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#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051760.D
Acq: 9 Oct 2018 20:11

Tgt Ion:	65	Resp:	433359
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.6





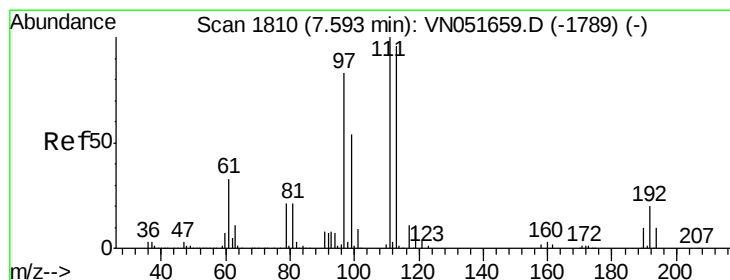
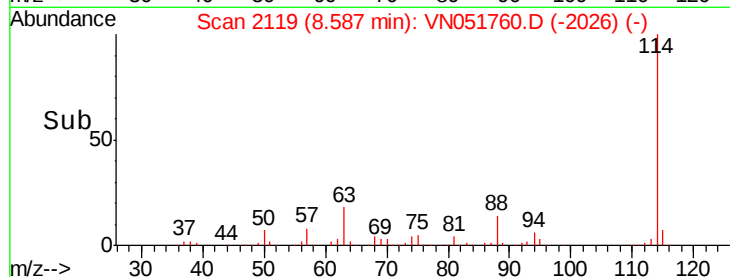
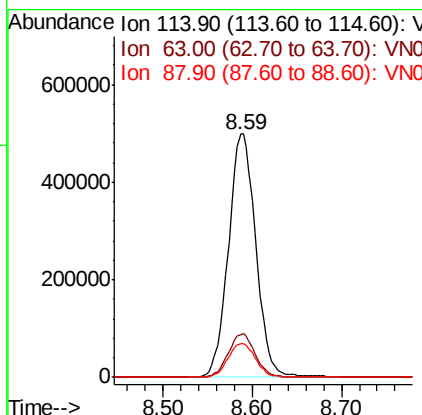
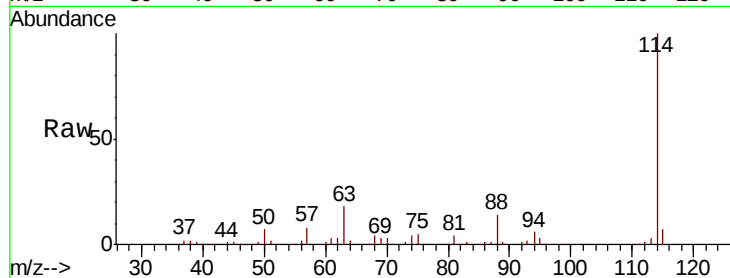
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051760.D
 Acq: 9 Oct 2018 20:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.2
88	14.1	0.0	30.2

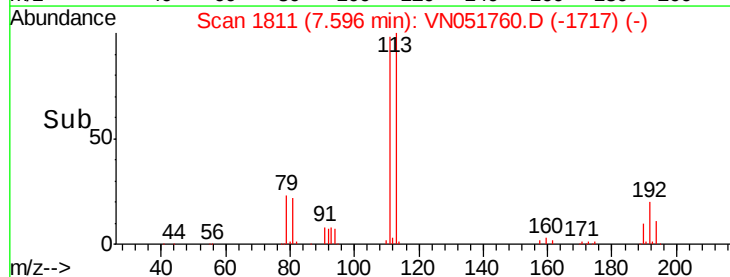
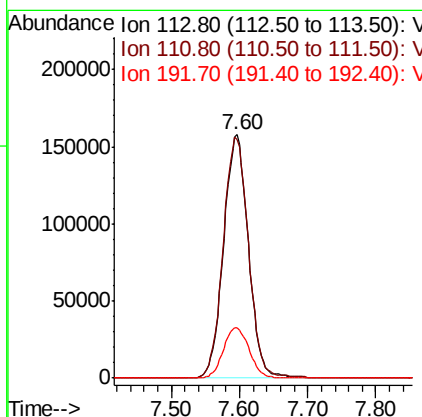
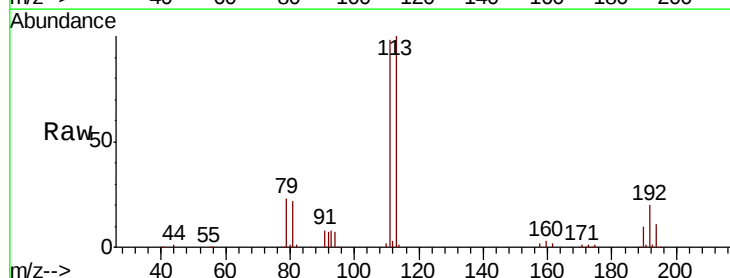
Manual Integrations
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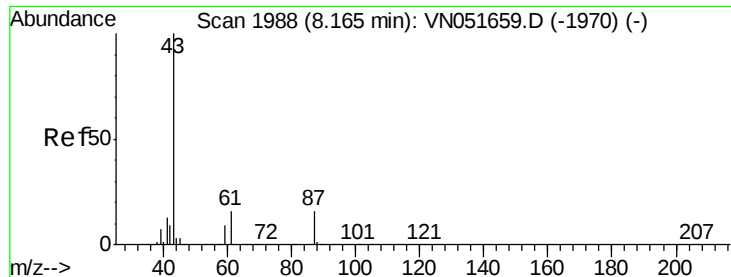
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.60 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VN051760.D
 Acq: 9 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.8	122.8
192	21.4	16.5	24.7





#43

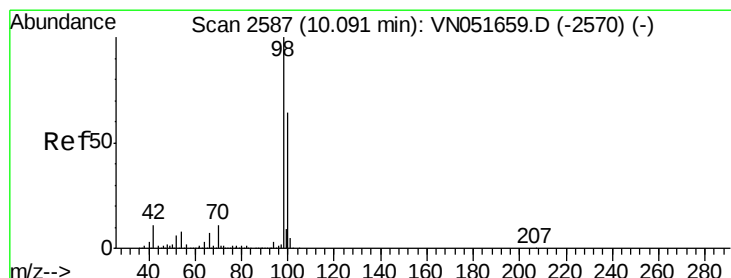
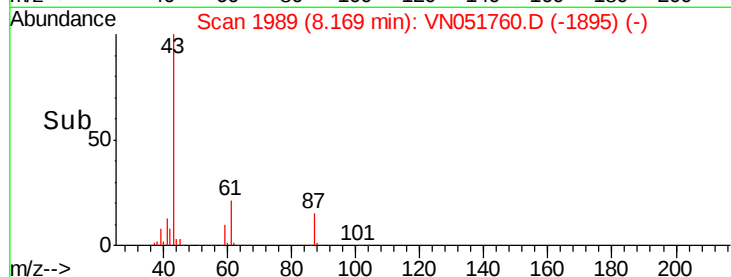
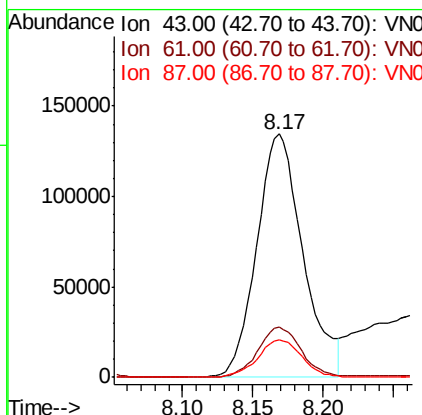
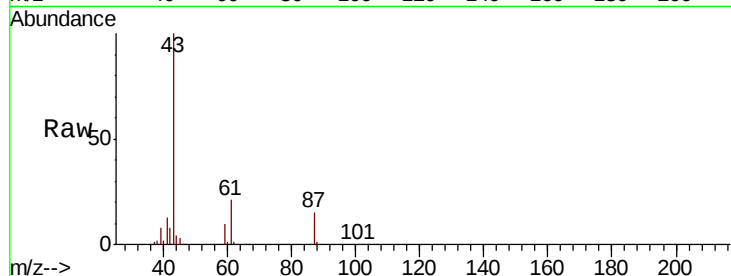
Isopropyl Acetate
 Concen: 25.541 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051760.D
 Acq: 9 Oct 2018 20:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645TB

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.8	23.6
87	14.7	12.6	19.0

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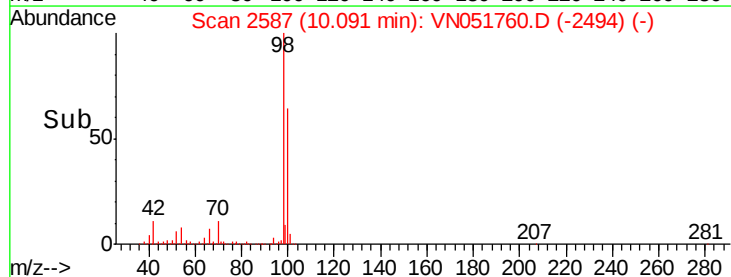
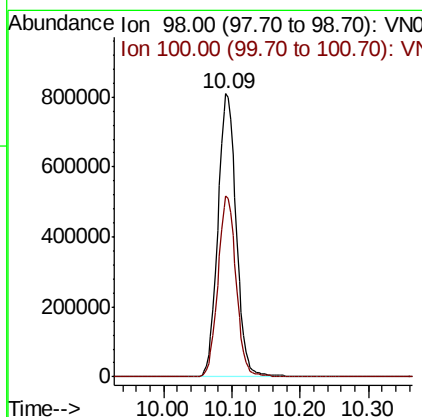
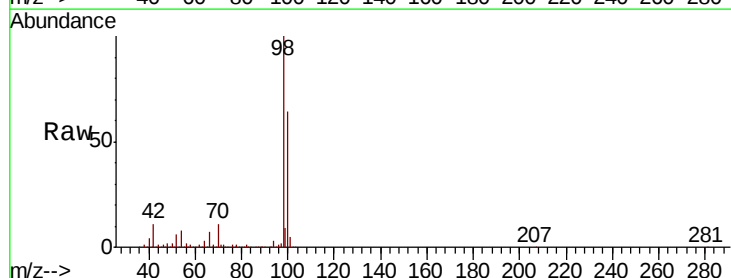
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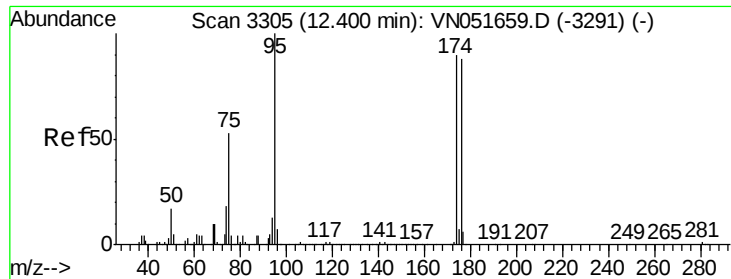


#50

Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN051760.D
 Acq: 9 Oct 2018 20:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.5	77.3





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051760.D

Acq: 9 Oct 2018 20:11

Instrument :

MSVOA_N

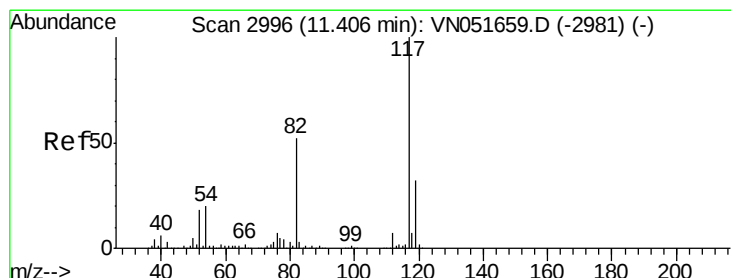
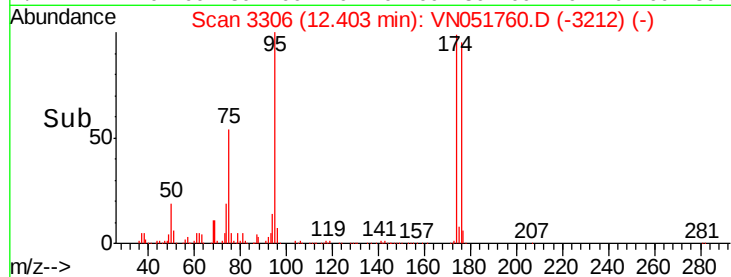
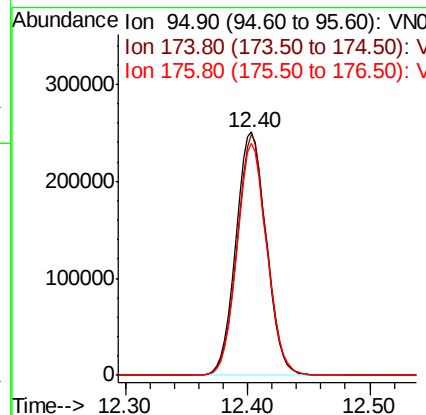
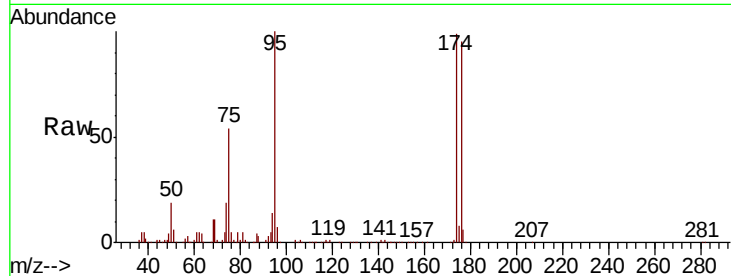
ClientSampleId :

PB113645TB

Tot Ion:	95	Resp:	431942
Ion Ratio	Lower	Upper	
95	100		
174	96.7	0.0	182.8
176	93.4	0.0	176.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

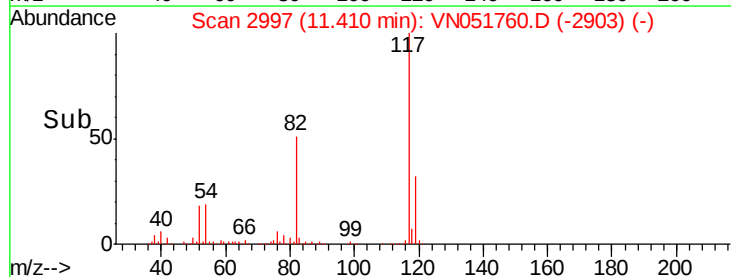
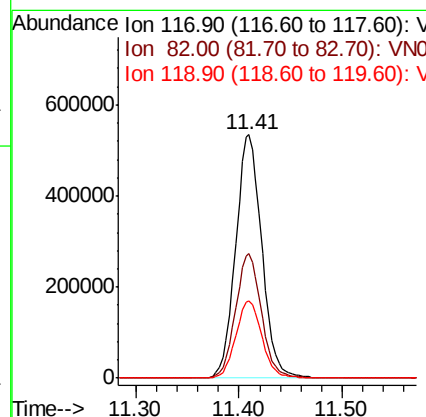
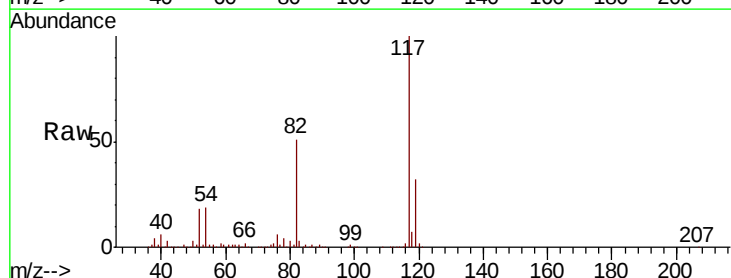
RT: 11.41 min Scan# 2997

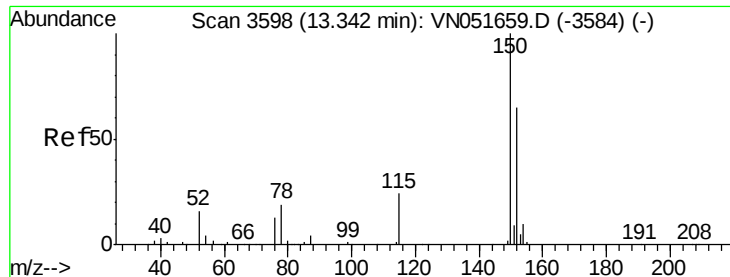
Delta R.T. 0.00 min

Lab File: VN051760.D

Acq: 9 Oct 2018 20:11

Tgt Ion:	117	Resp:	942741
Ion Ratio	Lower	Upper	
117	100		
82	50.9	41.3	61.9
119	32.0	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051760.D

Acq: 9 Oct 2018 20:11

Instrument :

MSVOA_N

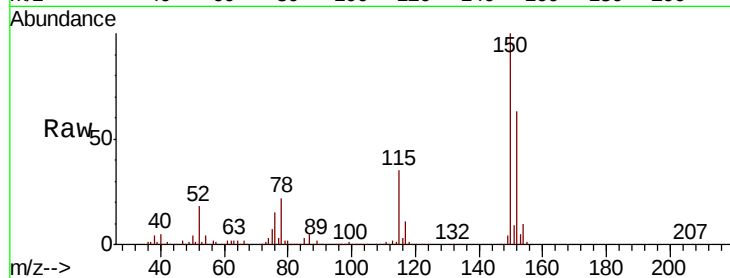
ClientSampleId :

PB113645TB

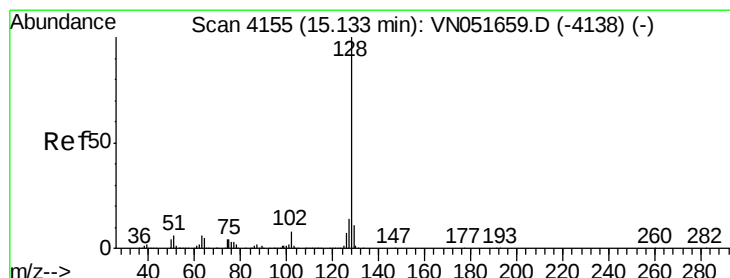
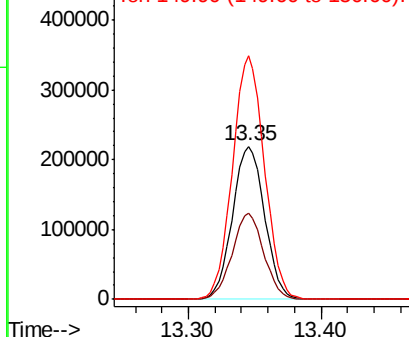
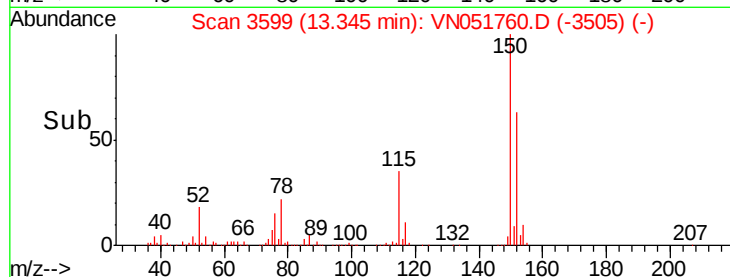
Tot Ion:	152	Resp:	369037
Ion Ratio	Lower	Upper	
152	100		
115	55.2	28.6	85.8
150	157.6	0.0	352.4

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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 1.352 ug/l

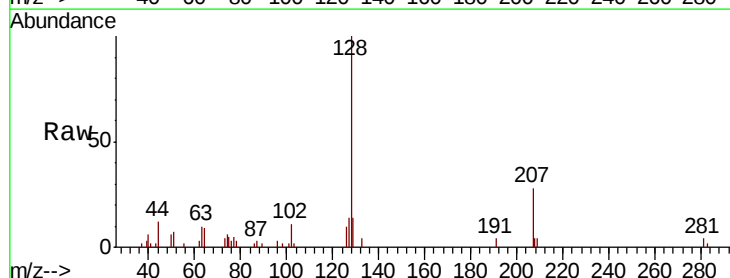
RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051760.D

Acq: 9 Oct 2018 20:11

Tgt Ion:	128	Resp:	17306
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.6	15.8
129	10.4	9.0	13.6



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

